

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Method And Apparatus For Improving End To End Performance Of A Data Network**, the specification of which was filed on June 26, 1998, as application Serial No. 09/105018.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

E. Cohen 5-18-4

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Samuel H. Dworetsky	(Reg. No. 27873)
Thomas A. Restaino	(Reg. No. 33444)
Robert B. Levy	(Reg. No. 28234)
Michele Conover	(Reg. No. 34962)
Jose R. de la Rosa	(Reg. No. 34810)
Alfred G. Steinmetz	(Reg. No. 22971)

Please address all correspondence to Mr. S. H. Dworetsky, AT&T Corp., P. O. Box 4110, Middletown, New Jersey 07748. Telephone calls should be made to Samuel H. Dworetsky by dialing 973-360-8120.

Full name of 1st joint inventor: Edith Cohen

Inventor's signature Edith Cohen Date 8/11/98

Residence: Berkeley Heights, Union County, New Jersey

Citizenship: Israel

Post Office Address: 7 Sunset Lane  
Berkeley Heights, New Jersey 07922

Full name of 2nd joint inventor: Balachander Krishnamurthy

Inventor's signature [Signature] Date 8/11/98

Residence: New York City, Manhattan County, New York

Citizenship: United States of America

Post Office Address: 60 East 8th Street, Apt. 5C  
New York City, New York 10003

E. Cohen 5-18-4

Full name of 3rd joint inventor: Jennifer Lynn Rexford

Inventor's signature Jennifer L Rexford Date Aug 11, 1998

Residence: Summit, Union County, New Jersey

Citizenship: United States of America

Post Office Address: 26 Locust Drive, Apt. 18  
Summit, New Jersey 07901